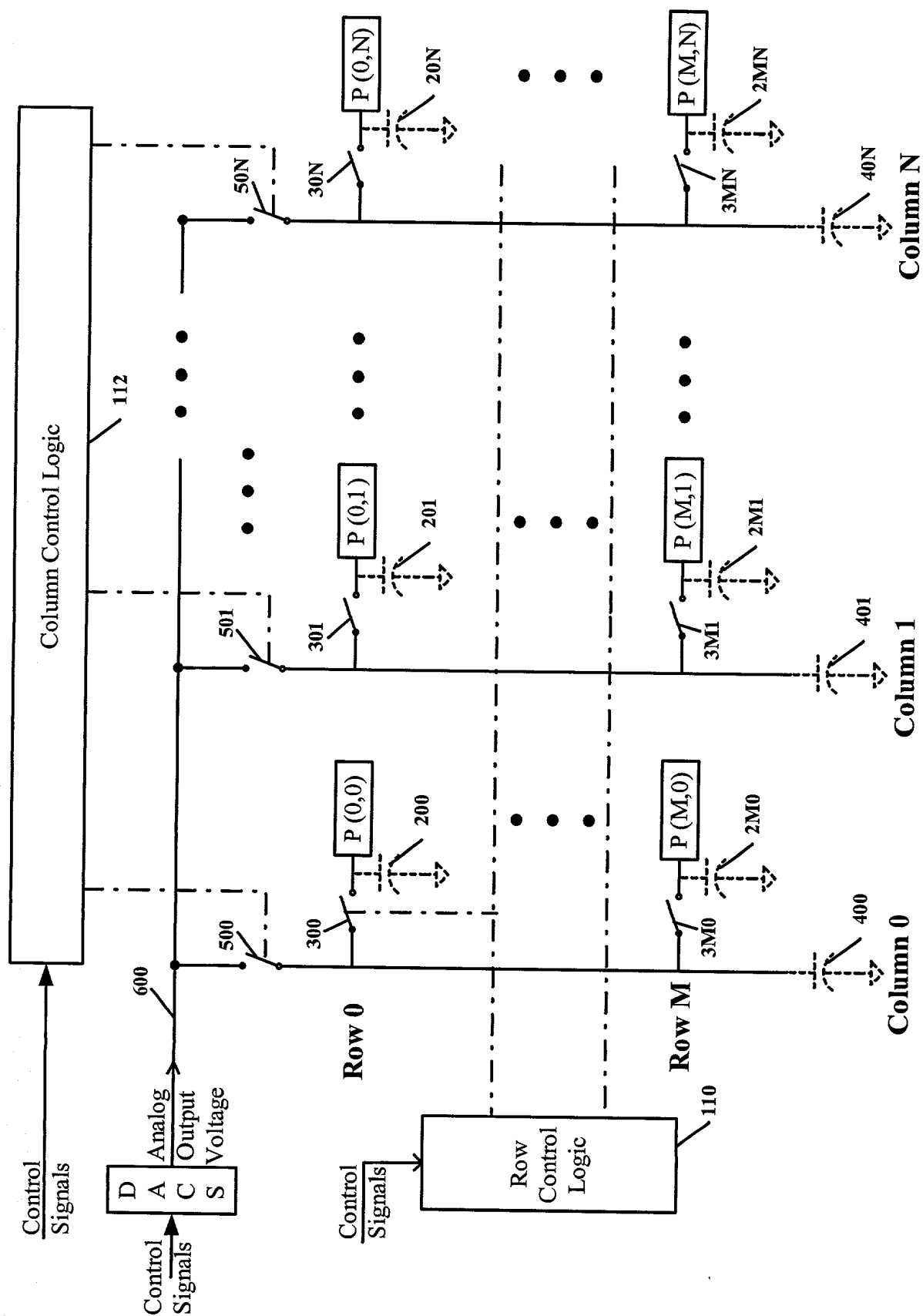
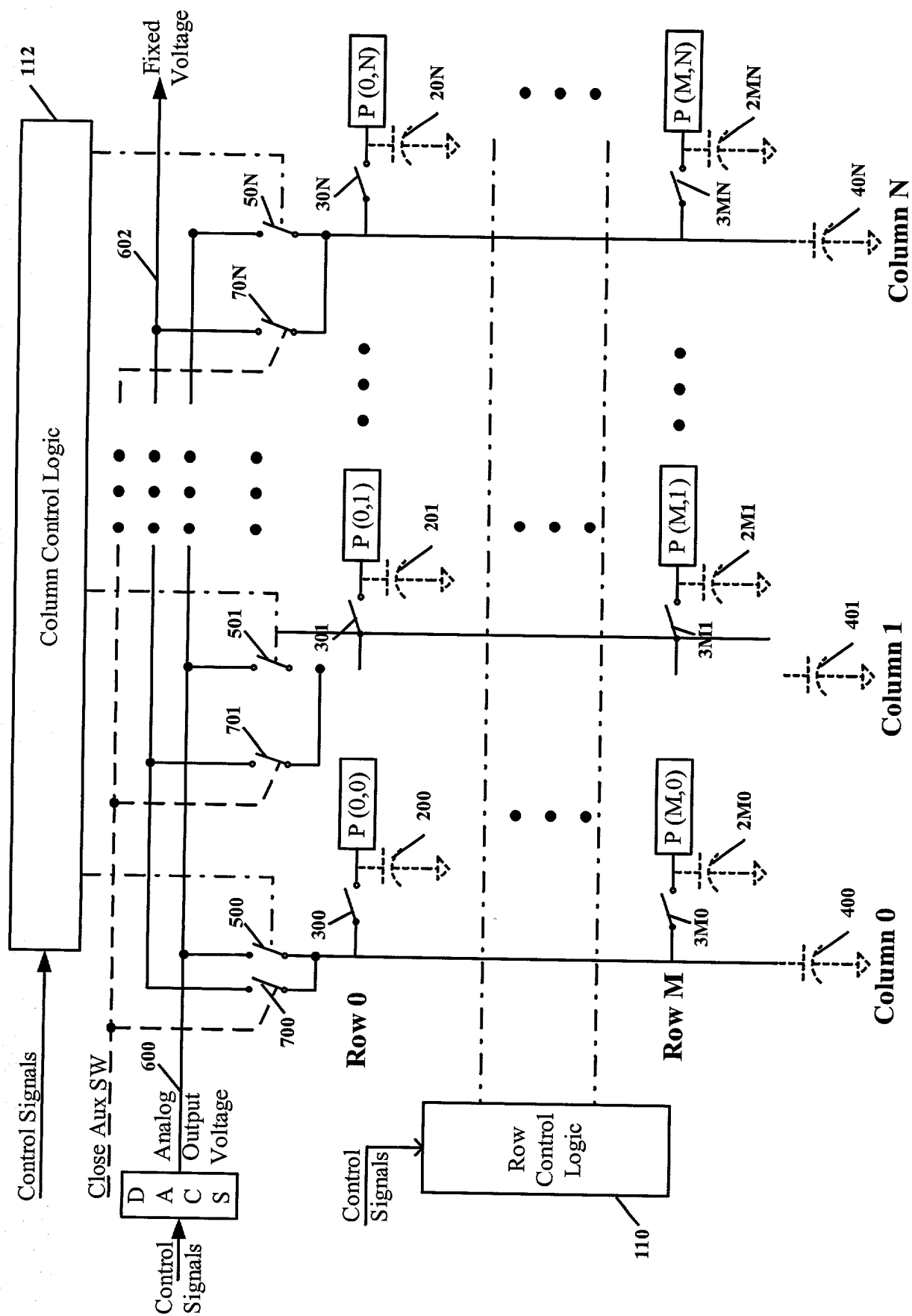


**FIGURE 1**

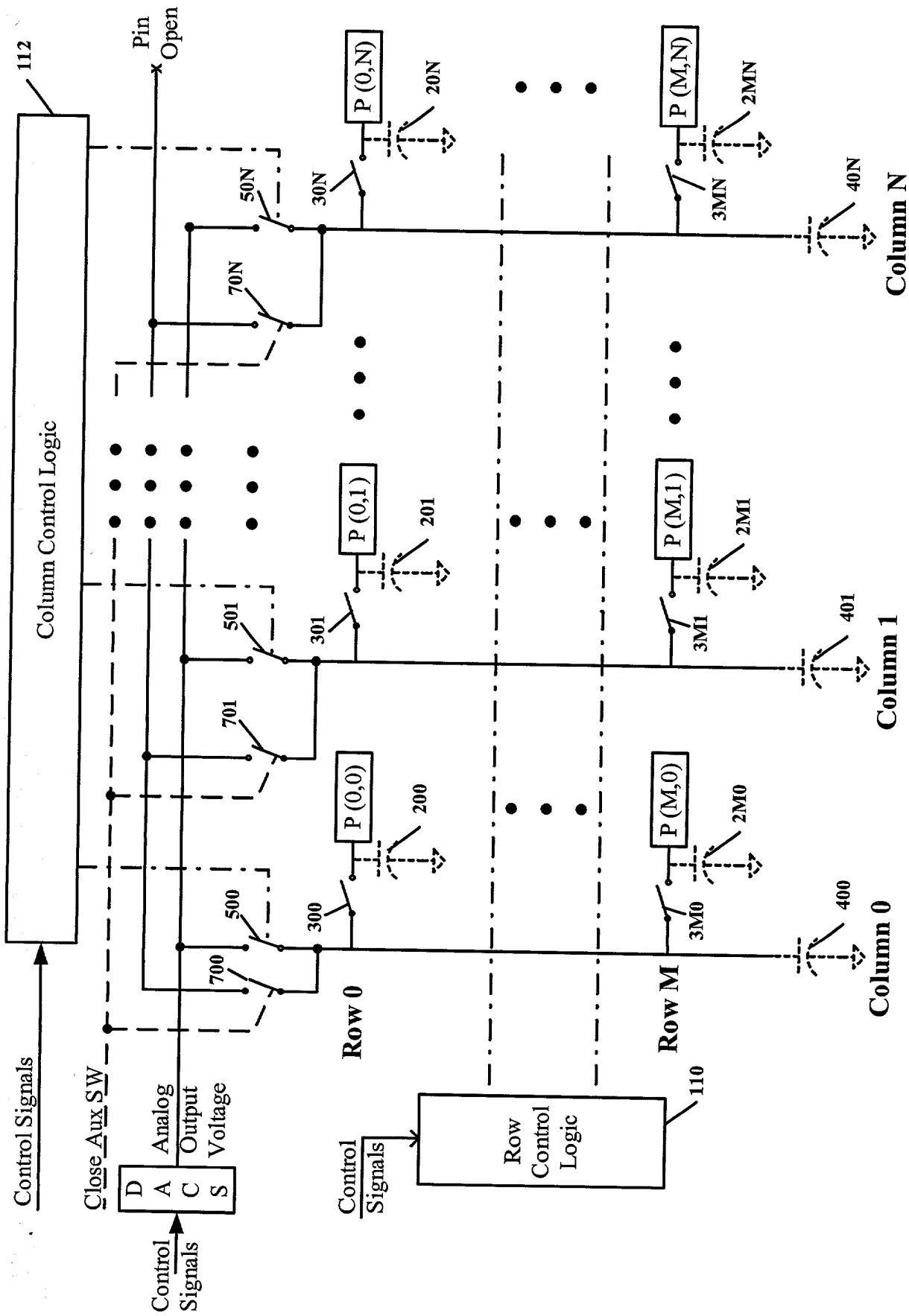
FIG. 2 is a schematic diagram of a memory array. The array is organized into rows and columns. Each row is connected to a row control line (e.g., Row 0, Row M) and each column is connected to a column control line (e.g., Column 0, Column N). The array contains a grid of memory cells. Each cell is connected to a row control line and a column control line. The cells are labeled with their row and column coordinates, such as P(0,0), P(0,1), P(0,N), P(M,0), P(M,1), and P(M,N). The diagram shows the internal structure of the cells, including access transistors (e.g., 300, 301, 30N) and storage elements (e.g., 200, 201, 20N). The array is controlled by a Column Control Logic block (112) and a Row Control Logic block (110). The Column Control Logic block receives control signals and drives the column control lines. The Row Control Logic block receives control signals and drives the row control lines. The array is connected to an Analog Output Voltage (600) and a Control Signals input.



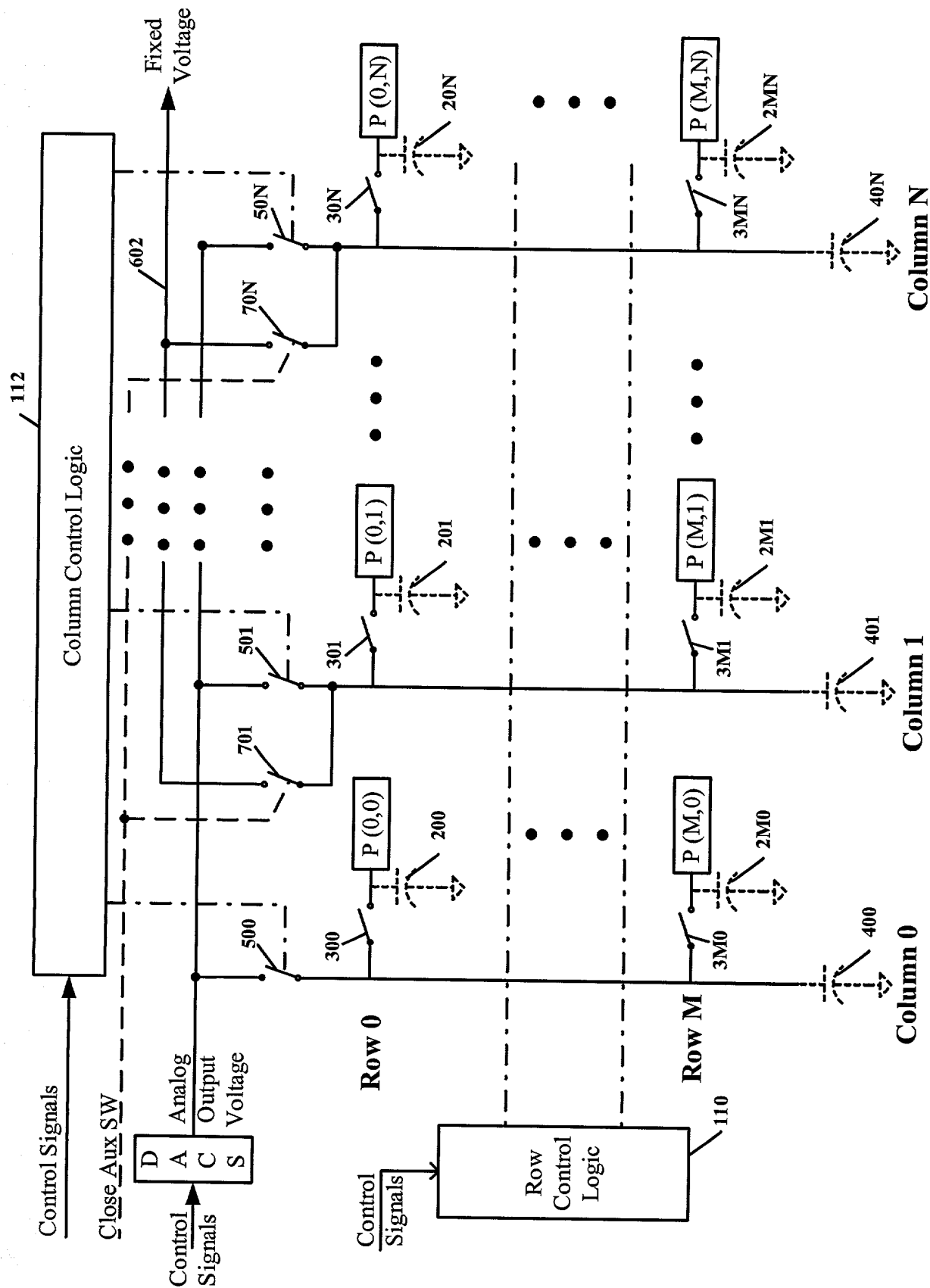
**FIGURE 2**

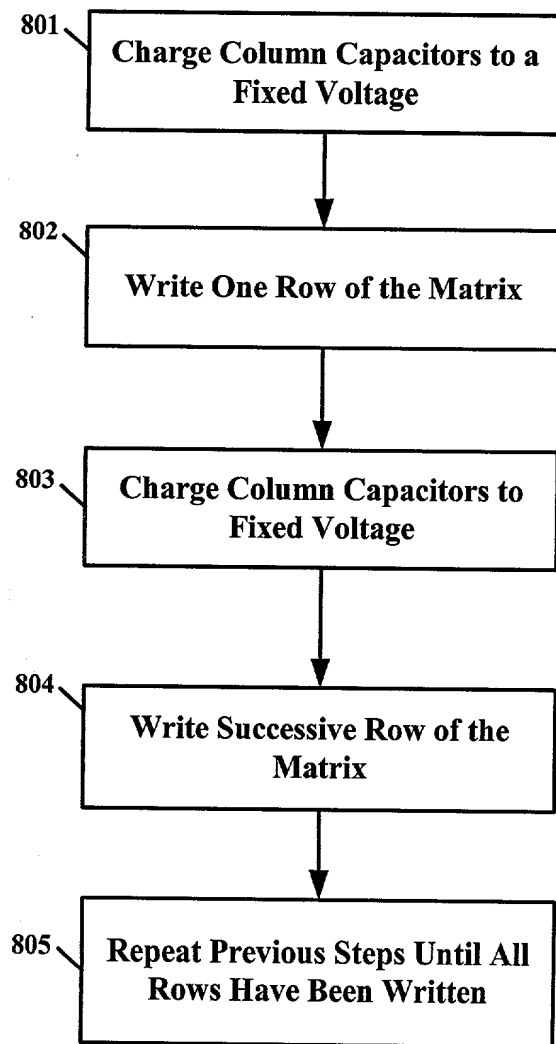


**FIGURE 3**

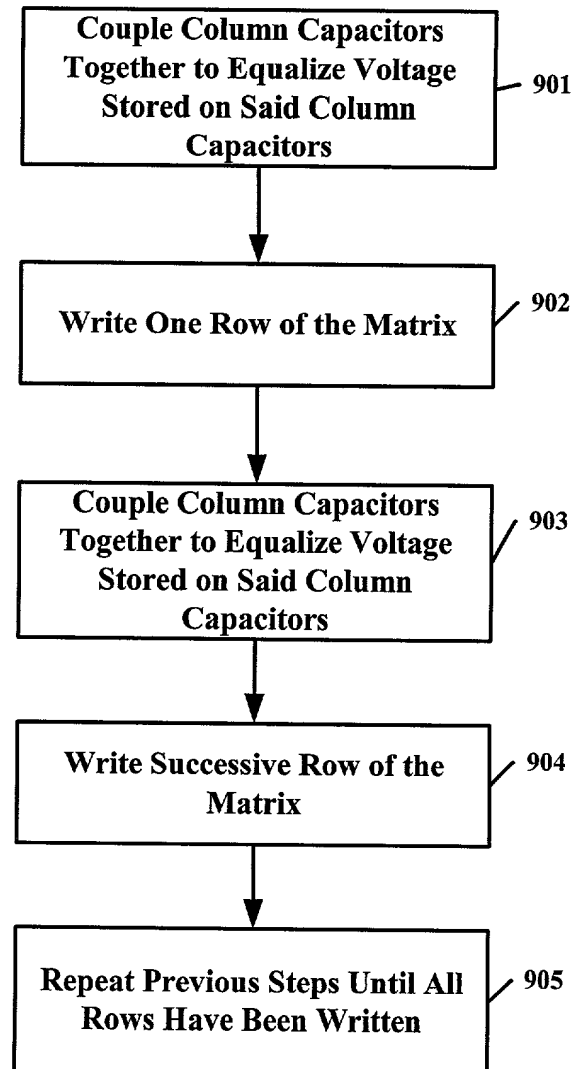


**FIGURE 4**

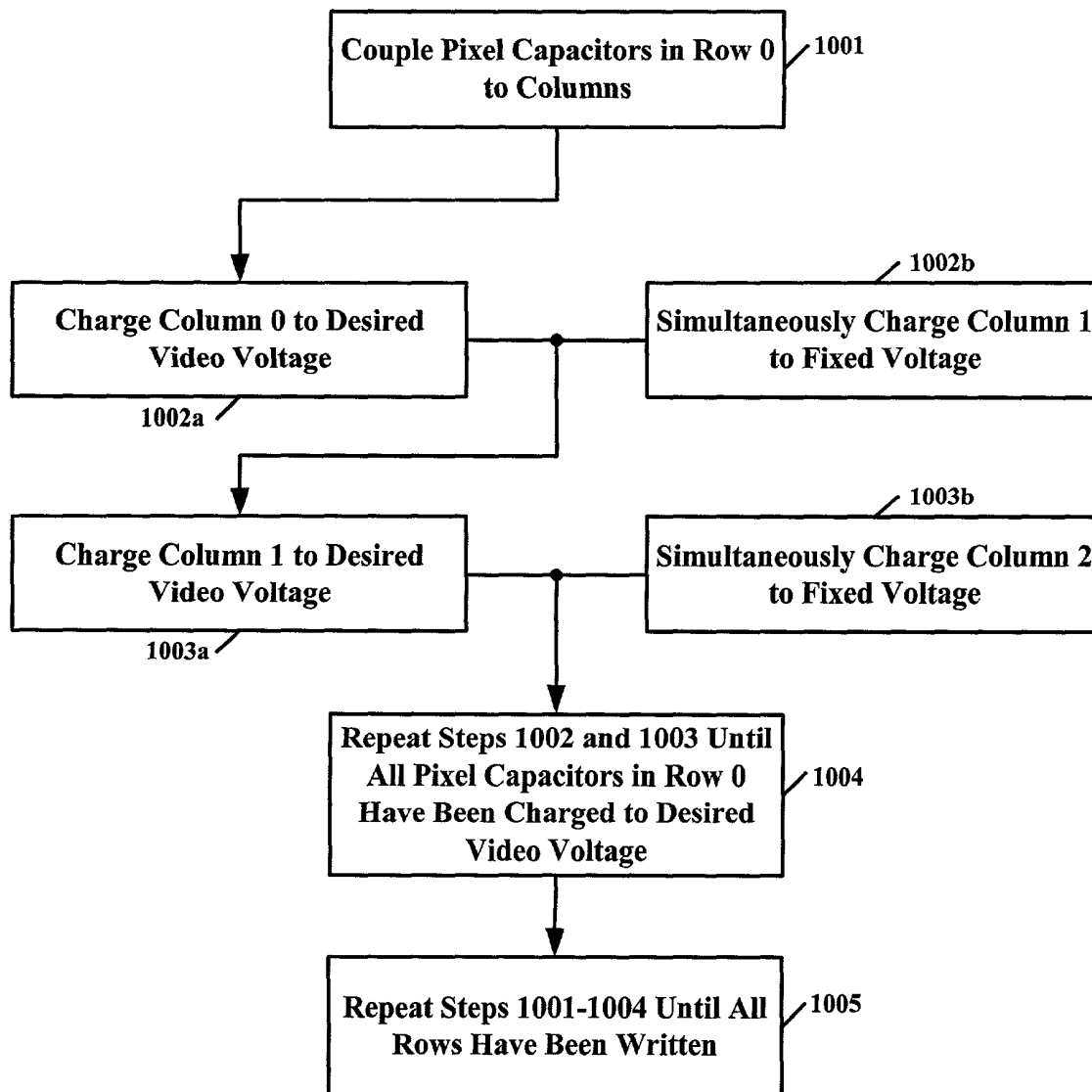




**FIGURE 6**



**FIGURE 7**



**FIGURE 8**